

Loop Powered Device MGT-0420-001

Universal 4-20mA True RMS Signal Transducer

Application:

- The MGT-0420-001 signal transducer converts zero to 333 mV AC signal to standard 4 to 20 mA DC voltage.
- This device is not recommended for use with the Magnelab RCT intergrator or RCS unit.
- The MGT-0420-001 helps to reduce inventory by allowing the measurement of various signals by simply changing the input device.



ORDER INFORMATION

Part Number	Input	Output	Accuracy (Full Scale)
MGT-0420-001	0-333mV	4 - 20 mA	0.3%

Features:

- Highly accurate, true RMS measurement. Ideal for distorted waveforms.
- Self powered from the 4 -20 mA loop.
- Robust construction, compact size and easy wiring.

Specifications:

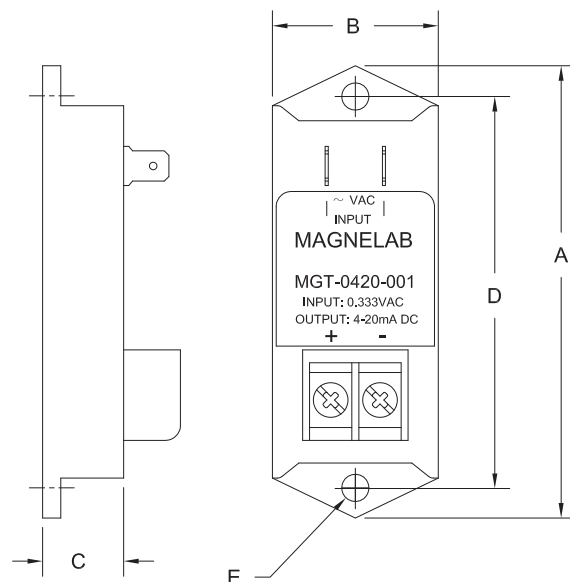
- Power: Standard 4-20 mA loop. voltage 8 - 35 VDC
- Input: 0-333mV full scale AC voltage. via input spade connectors.
- Output: 4 -20 mA loop (Sinking), Max. impedance 750 Ω @ 24VDC (Barrier strip terminal provided).
- Accuracy: True RMS, 0.3% Full scale, up to crest factor 4.
- Frequency: 40 to 3000 Hz
- Enclosure: Potted plastic box. Back mouting bracket

DIMENSION

INCH

MM

DIMENSION	INCH	MM
A	3.00	76.2
B	1.10	20.0
C	0.54	13.7
D	2.60	66.0
E	0.18	4.6



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